

IN THE CLAIMS

Please amend the claims as follows:

1-57 (cancelled)

58. (Currently amended) Method of reconfiguration for a network node in an ad-hoc network, comprising the steps:

determining a network node in the ad-hoc network for reconfiguration;

preparing a transition from an initial software configuration to a target software configuration; and

deciding on commitment to the target software configuration in view of a result of reconfiguration indicated through at least one further network node in the ad-hoc network;

wherein the step of committing to the target software configuration is taken when ~~every a~~ result of reconfiguration from every network node determined for reconfiguration, including a result of configuration from a network node other than the at least one further network node, received at the network node from a reachable further network node is evaluated to be positive; and

the step of determining the network node in the ad-hoc network for reconfiguration is based on at least one criterion selected from a group, comprising:

communication capability of the network node;

network connectivity;

profile data of the network node;

movement pattern of the network node;

hardware status of the network node;

priority of the network node; and

group membership of the network node.

59. (Previously Presented) Method according to claim 58, wherein it further comprises a step of negotiating a maximum reconfiguration time period with at least one further network node before

executing the transition from the initial software configuration to the target software configuration.

60. (Previously Presented) Method according to claim 58, wherein it further comprises a step of coordinating a start of reconfiguration at the network node with a start of reconfiguration in at least one further network node.

61. (Previously Presented) Method according to claim 58, wherein it further comprises a step of determining network nodes being reachable from the reconfigured network node when ad-hoc network communication is interrupted during the transition from the initial software configuration to the target software configuration.

62. (Previously Presented) Method according to claim 58, wherein it further comprises a step of falling back to the initial software configuration when at least one result of reconfiguration received at the network node from a reachable further network node is evaluated to be negative.

63. (Previously Presented) Method according to claim 58, wherein it comprises a step of falling back to the initial software configuration when no result of reconfiguration result is received at the network node until expiry of the maximum reconfiguration time period.

64. (Previously Presented) Method according to claim 58, wherein it further comprises a step of sending a positive reconfiguration result when the transition from the initial software configuration to the target software configuration is successful.

65. (Previously Presented) Method according to claim 58, wherein it further comprises a step of sending a negative reconfiguration result when the transition from the initial software configuration to the target software configuration is not successful.

66. (Previously Presented) Method according to claim 58, wherein it further comprises a step of retrieving software for executing the transition from the initial software configuration to the target software configuration locally from a portable electronic device (IC/USIM).

67. (Previously Presented) Method according to claim 58, wherein it further comprises a step of retrieving software for executing the transition from the initial software configuration to the target software configuration remotely via a mobile communication environment.

68. (Previously presented) Method according to claim 58, wherein it further comprises a step of pre-installing software for executing the transition from the initial software configuration to the target software configuration in the network node.

69. (Currently amended) Network node for operation in an ad-hoc network, comprising:

- A determination unit adapted to determine a network node in the ad-hoc network for reconfiguration;

- a software reconfiguration unit adapted to prepare a transition from an initial software configuration to a target software configuration; and

- a reconfiguration commitment unit adapted to decide on commitment to the target software configuration in view of a result of reconfiguration indicated through at least one further network node in the ad-hoc network;

- wherein the reconfiguration commitment unit is adapted to commit to the target software configuration when every a result of reconfiguration from every network node determined for reconfiguration, including a result of configuration from a network node other than the at least one further network node, received at the network node from a reachable further network node is evaluated to be positive; and

- the determination unit is adapted to determine the network node in the ad-hoc network for reconfiguration based on at least one criterion selected from a group comprising:

- communication capability of the network node;

- network connectivity;
- profile data of the network node;
- movement pattern of the network node;
- hardware status of the network node;
- priority of the network node; and
- group membership of the network node.

70. (Previously Presented) Network node according to claim 69, wherein it further comprises a negotiating unit adapted to negotiate a maximum reconfiguration time period with the at least one further network node before executing the transition from the initial software configuration to the target software configuration.

71. (Previously Presented) Network node according to claim 69, wherein it further comprises a reconfiguration coordination unit adapted to coordinate a start of reconfiguration at the network node with a start of reconfiguration in the at least one further network node.

72. (Previously Presented) Network node according to claim 69, wherein it further comprises a connectivity unit adapted to determine network nodes being reachable from the reconfigured network node when ad-hoc network communication is interrupted during the transition from the initial software configuration to the target software configuration.

73. (Previously Presented) Network node according to claim 69, wherein the reconfiguration commitment unit is adapted to decide on falling back to the initial software configuration when at least one result of reconfiguration received at the network node from a reachable further network node is evaluated to be negative.

74. (Previously Presented) Network node according to claim 69, wherein the reconfiguration commitment unit is adapted to decide on falling back to the initial software configuration when

no result of reconfiguration result is received at the network node until expiry of the maximum reconfiguration time period.

75. (Previously Presented) Network node according to claim 69, wherein it further comprises a communication unit adapted to send a positive reconfiguration result when the transition from the initial software configuration to the target software configuration is successful.

76. (Previously Presented) Network node according to claim 69, wherein it further comprises a communication unit adapted to send a negative reconfiguration result when the transition from the initial software configuration to the target software configuration is not successful.

77. (Previously Presented) Network node according to claim 69, wherein it further comprises a software retrieval unit adapted to retrieve software for executing the transition from the initial software configuration to the target software configuration locally from a portable electronic device.

78. (Previously Presented) Network node according to claim 69, wherein the software retrieval unit is further adapted to retrieve software for executing the transition from the initial software configuration to the target software configuration remotely via a mobile communication environment.

79. (Previously presented) A computer program stored on a computer readable storage medium of a network node of an ad-hoc network, comprising software code portions for performing the steps of claim 58, when the product is run on a processor of the network node.